

Verification Testing Announcement

January 26, 2000

NOTICE OF AN INTENTION TO CONDUCT PERFORMANCE VERIFICATION TESTING OF POLYCHLORINATED BIPHENYL (PCB) FIELD ANALYTICAL TECHNOLOGIES. Technical Contact: Amy Dindal, Oak Ridge National Laboratory, 865-574-4863. EPA Point of Contact: Eric Koglin, National Exposure Research Laboratory, Environmental Sciences Division, Las Vegas, NV 702-798-2432.

As part of the Environmental Technology Verification (ETV) program, the U.S. Environmental Protection Agency (EPA), in partnership with Oak Ridge National Laboratory (ORNL), announces an intent to conduct performance verification testing of commercial-ready polychlorinated biphenyl (PCB) field analytical technologies. Candidate devices include ones that may be used to make site characterization, monitoring, or remediation decisions.

The verification study is designed to evaluate the field technology's ability to detect and measure PCBs in soils, solvent extracts, or oils. The vendors will be expected to operate their technology in accordance with the experimental design of the study. Each vendor will analyze over 200 samples that are both spiked and environmentally contaminated with PCBs. From the verification data, performance characteristics of the technology, such as accuracy, precision, comparability to results obtained with EPA SW-846 Method 8082, cost, and sample throughput, will be reported. The verification is expected to be conducted over a 5 to 10 day period at ORNL in Oak Ridge, TN, during the summer of 2000.

Seven PCB technologies have already been verified under the auspices of this program. The verification testing plans and performance reports can be downloaded from the EPA's ETV web site (www.epa.gov/etv). More detailed information about the previous verifications can be found on ORNL's ETV web site (www.ornl.gov/etv).

The vendor will be expected to contribute to the cost of verification and to secure the resources to support their participation in the performance verification process. To explain the verification process to potential participants, a conference call will be held in February 2000. Interested vendors with appropriate technologies (i.e., commercially ready with proven field use) should contact Amy Dindal of ORNL (865- 574-4863).